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FIGURE 1A

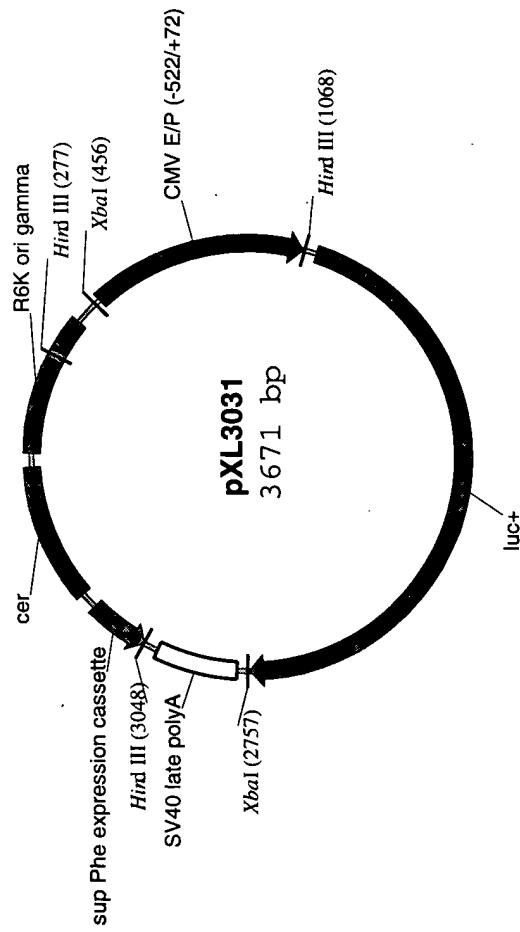


FIGURE 1B

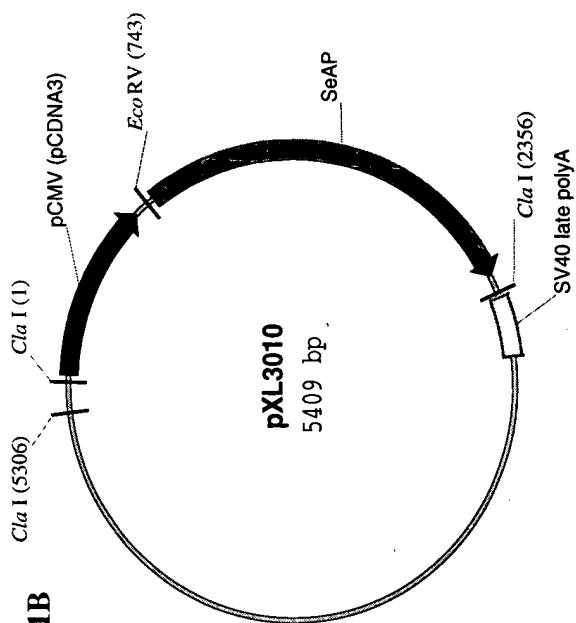
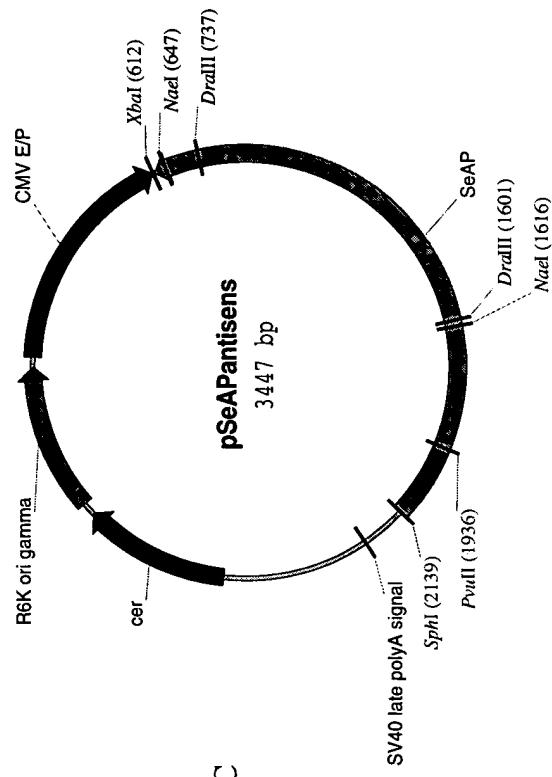


FIGURE 1C



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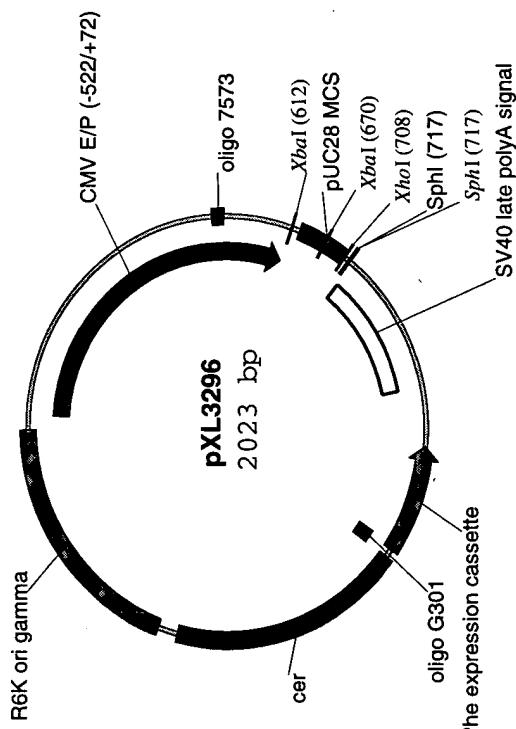


FIGURE 1D

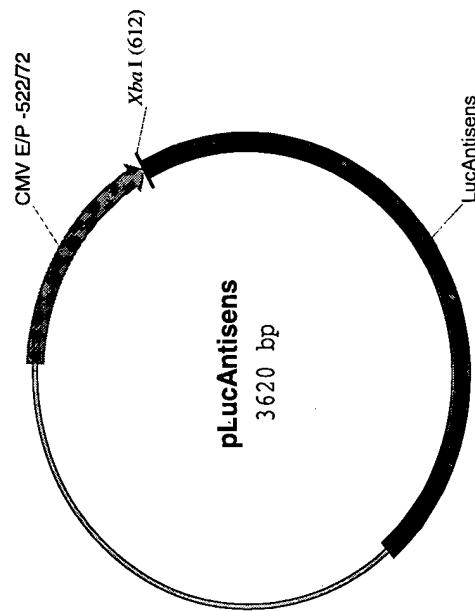


FIGURE 1E

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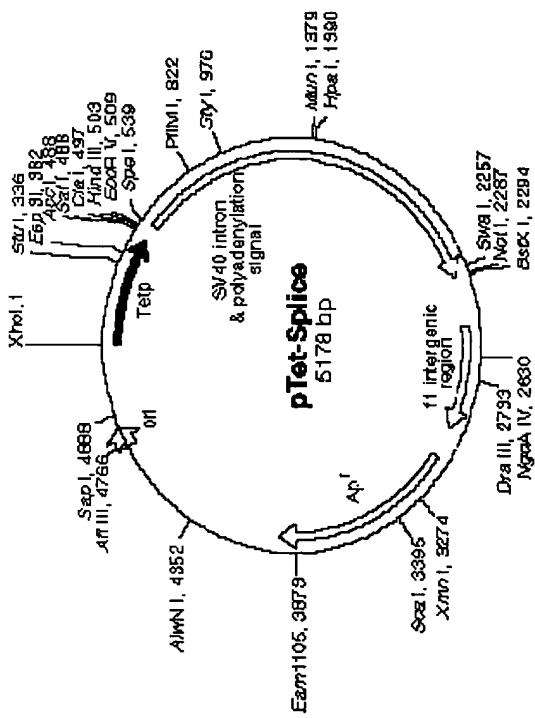


FIGURE 2A



FIGURE 2B



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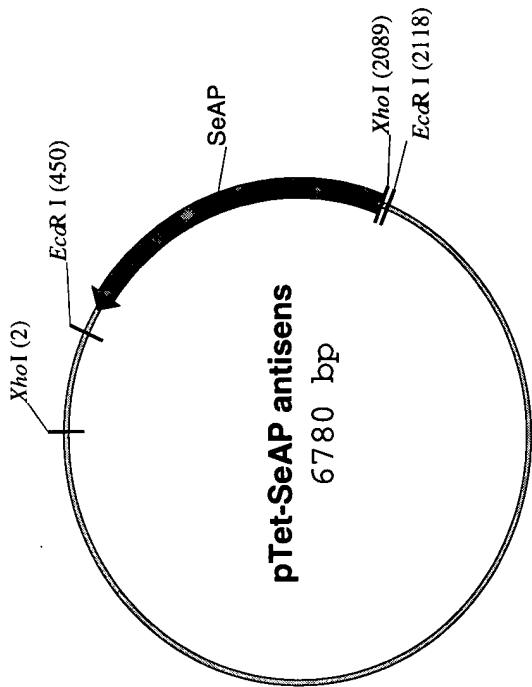


FIGURE 2D

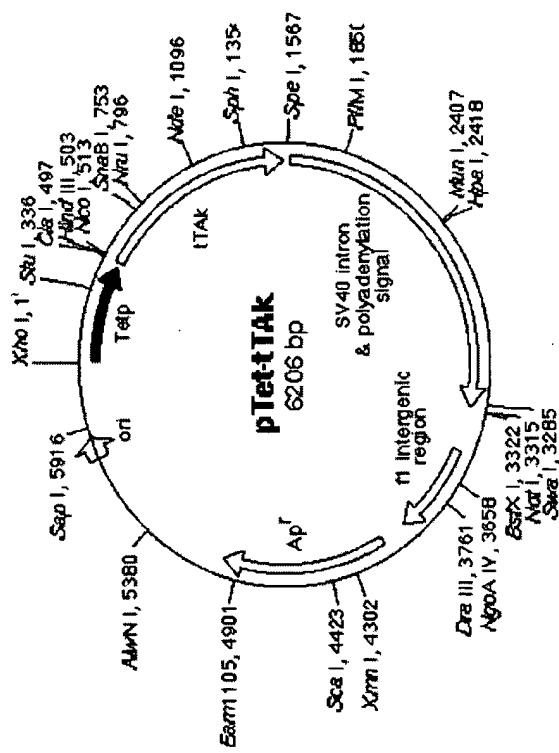


FIGURE 2E

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SeAPantisens, début
SV40 late polyA signal

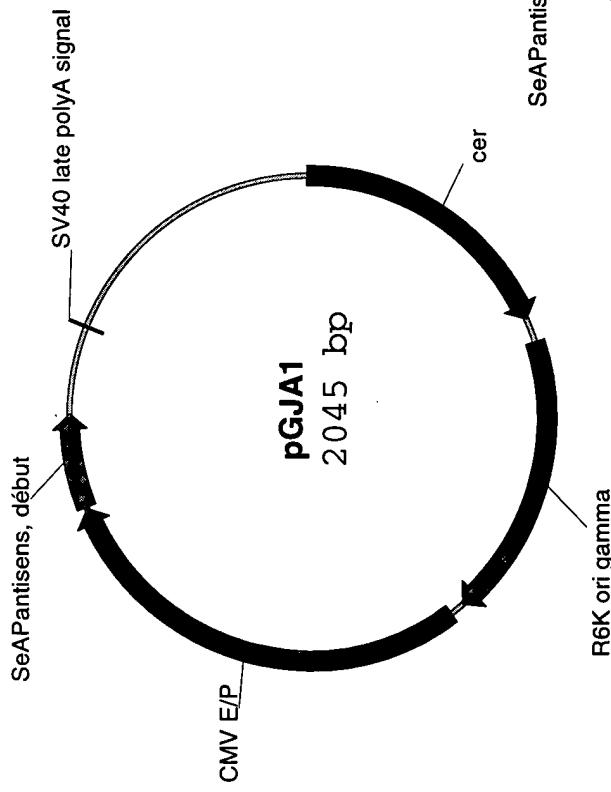


FIGURE 3A

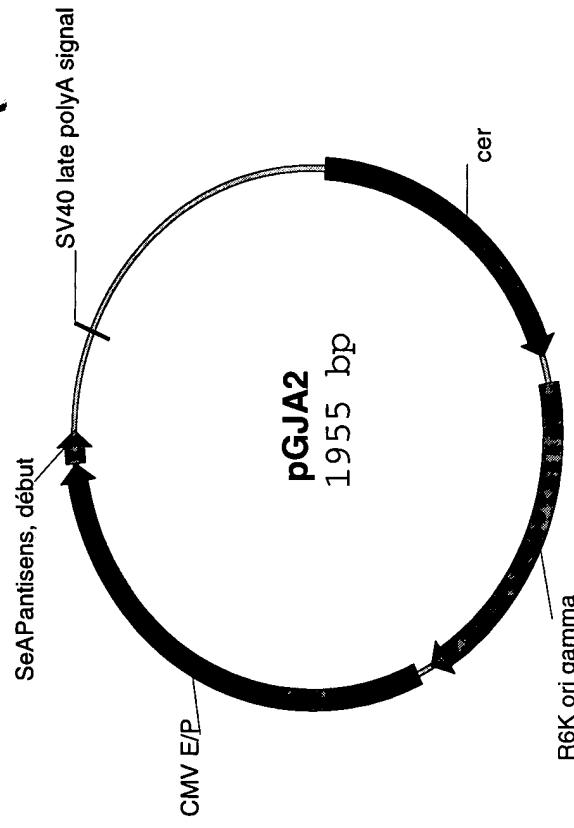


FIGURE 3B

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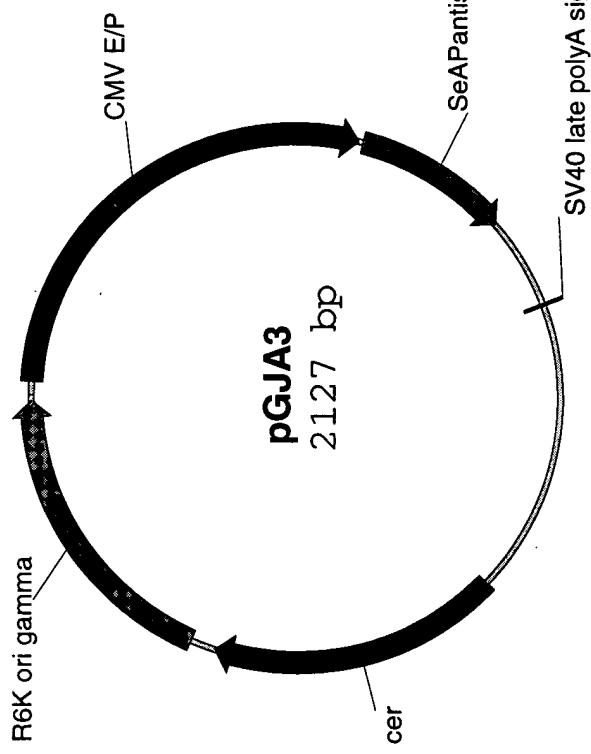


FIGURE 3C

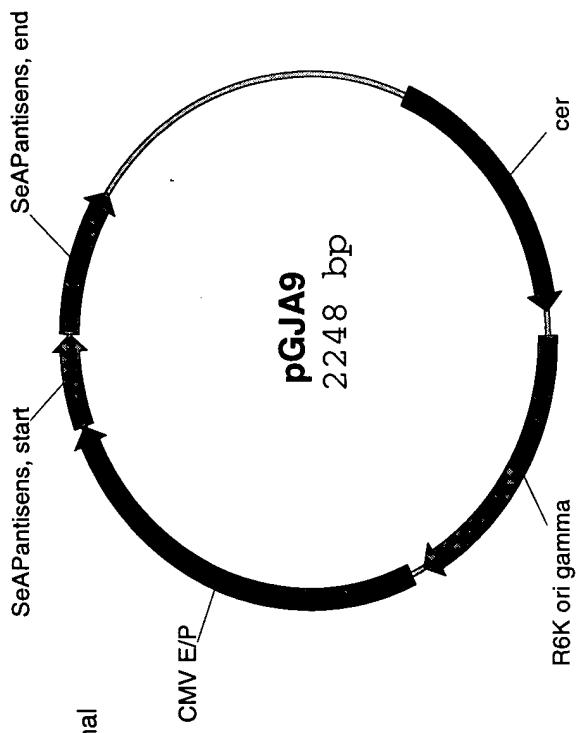


FIGURE 3D

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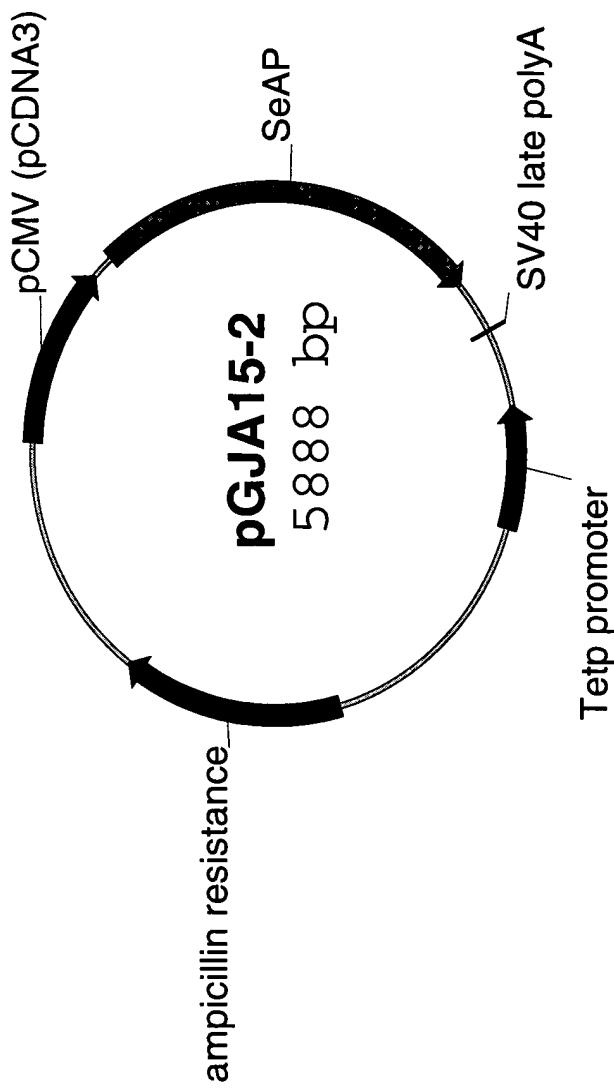


FIGURE 4A

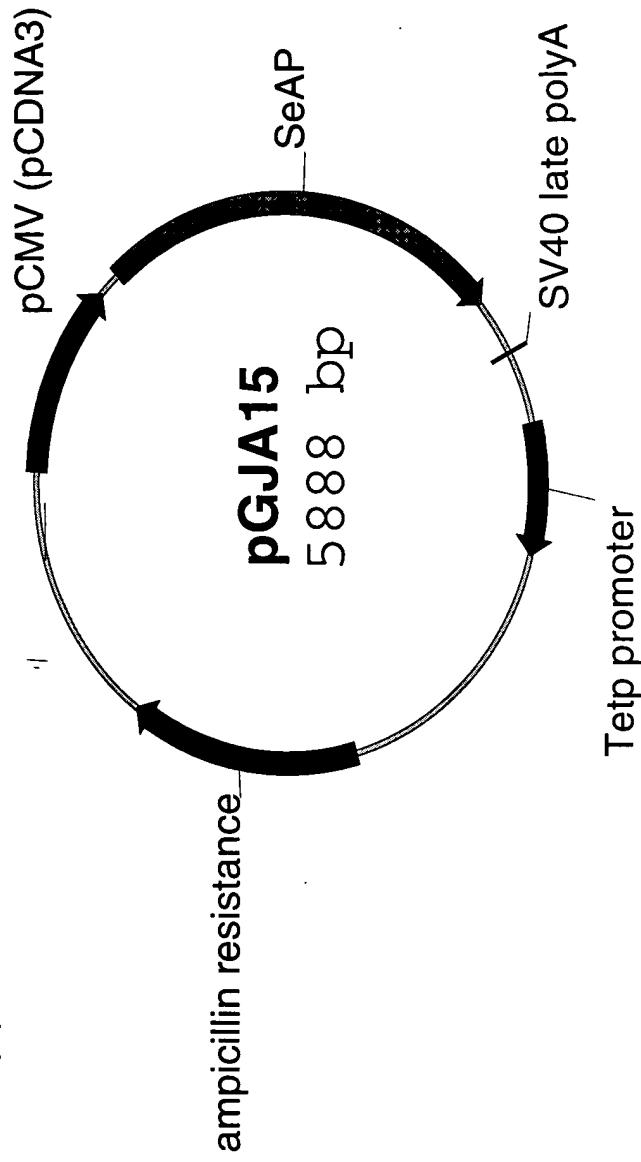


FIGURE 4B

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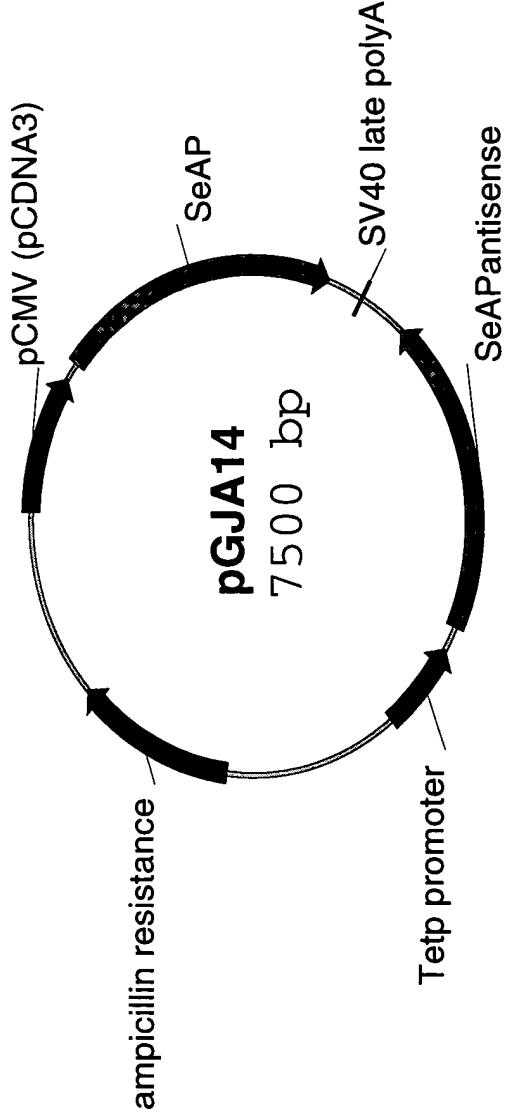


FIGURE 4C

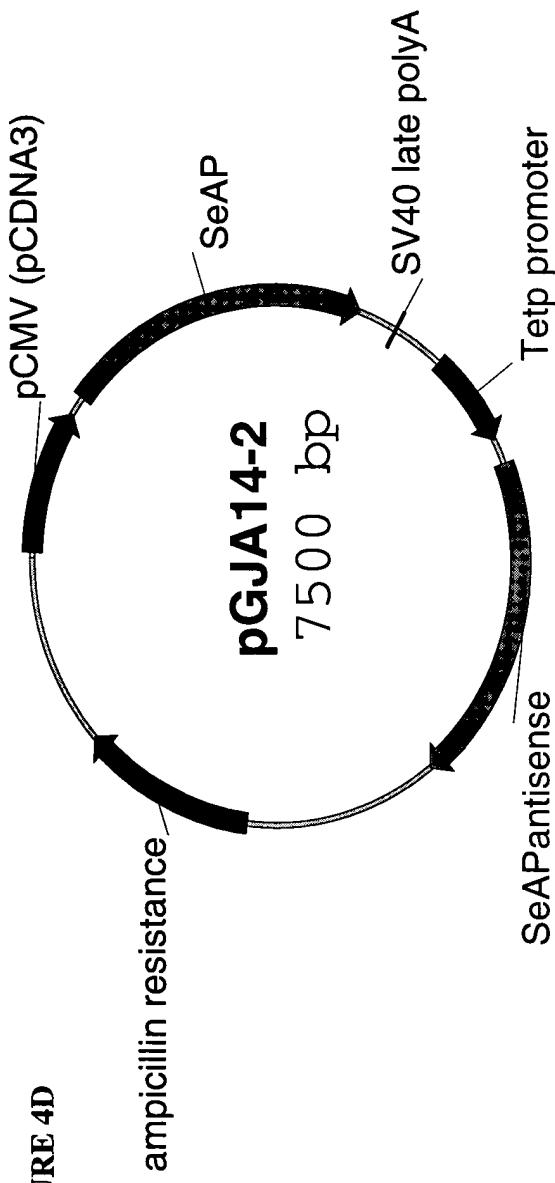


FIGURE 4D

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FIGURE 5A

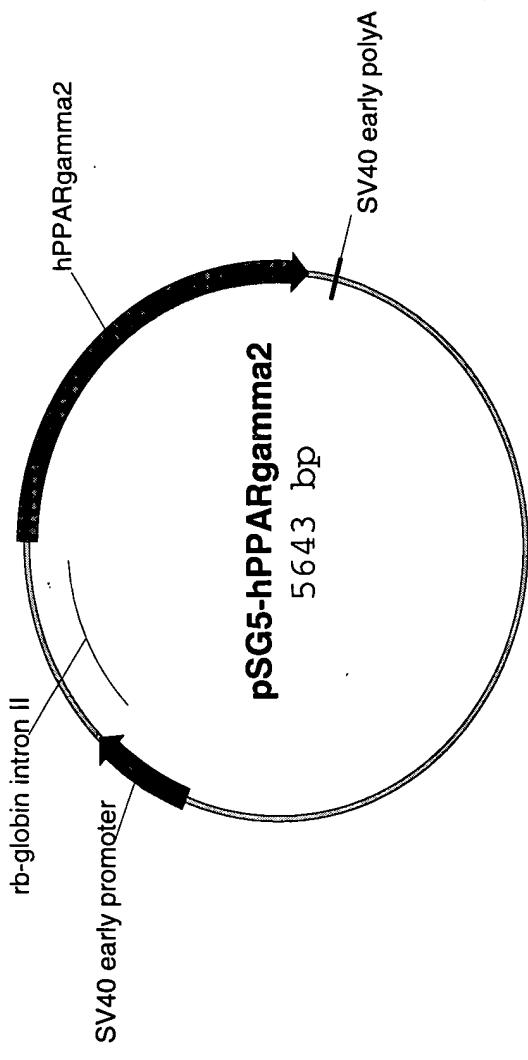
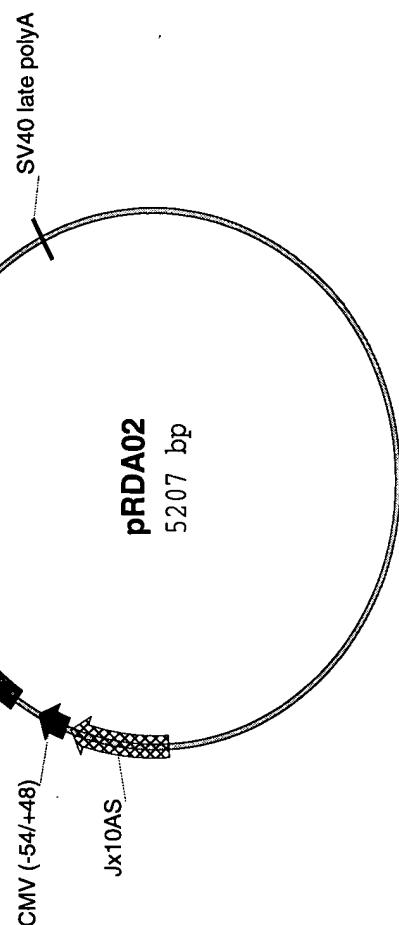
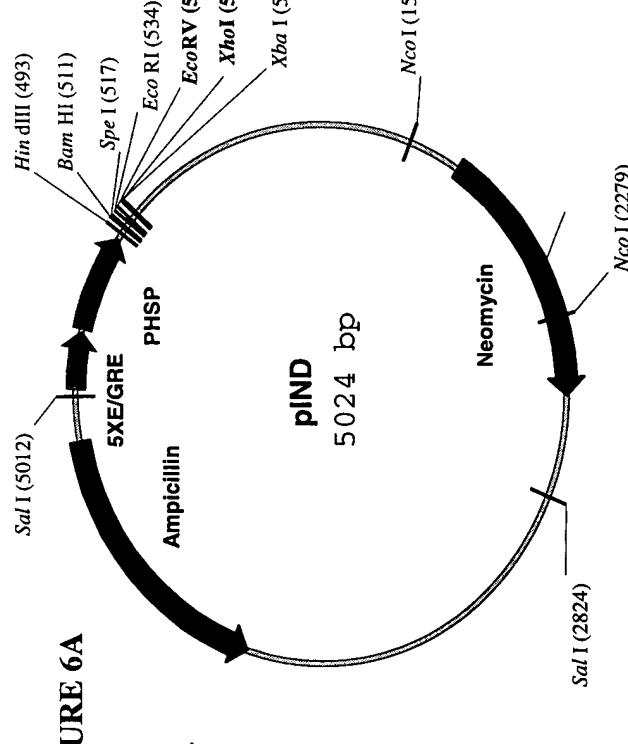


FIGURE 5B



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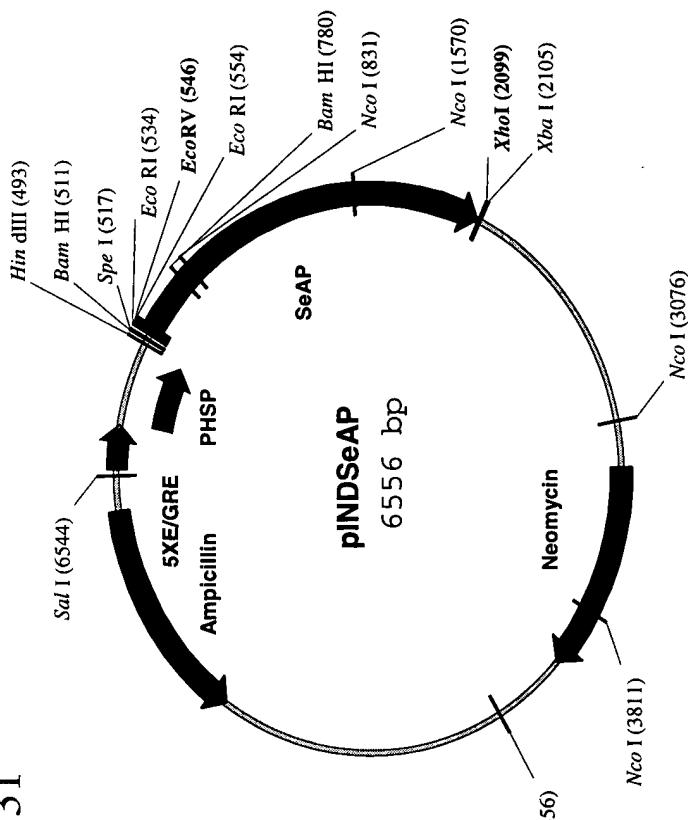


FIGURE 6B

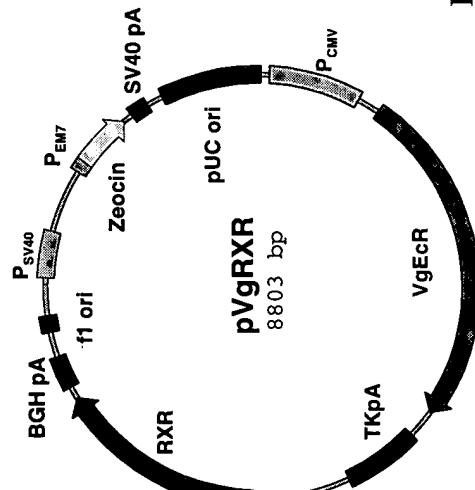


FIGURE 6C

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FIGURE 7A

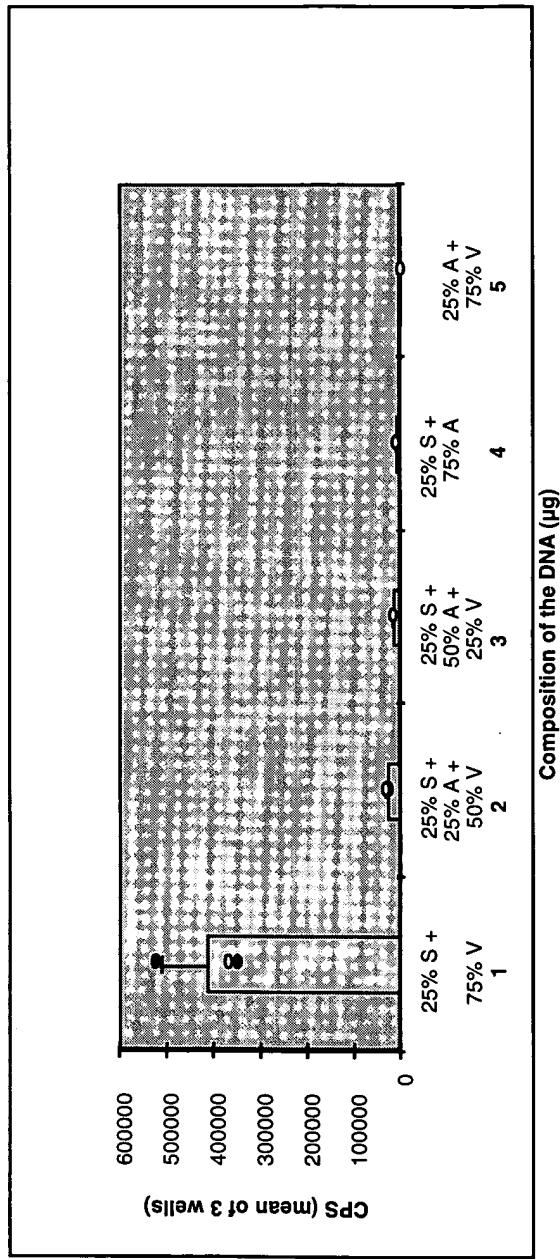
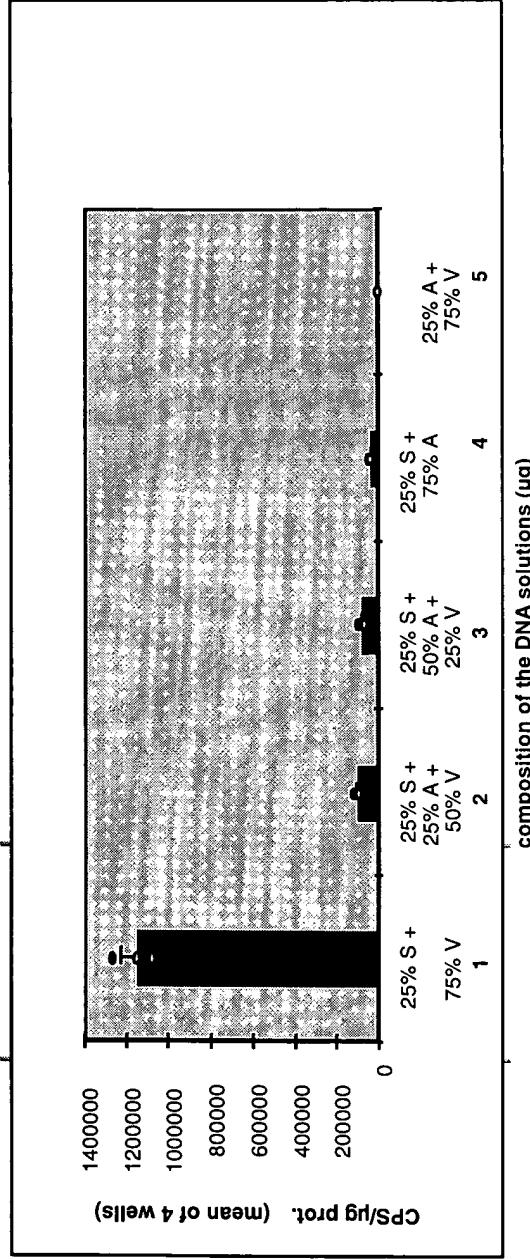
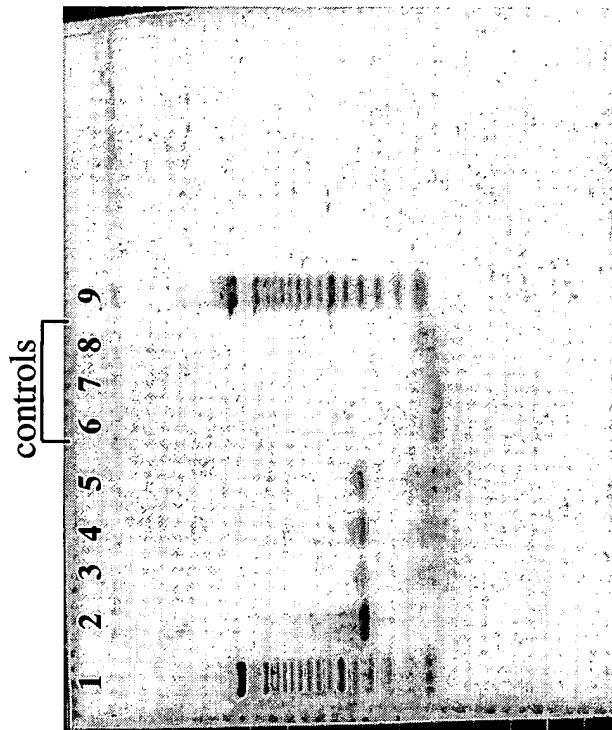


FIGURE 7B



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FIGURE 8



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FIGURE 9A

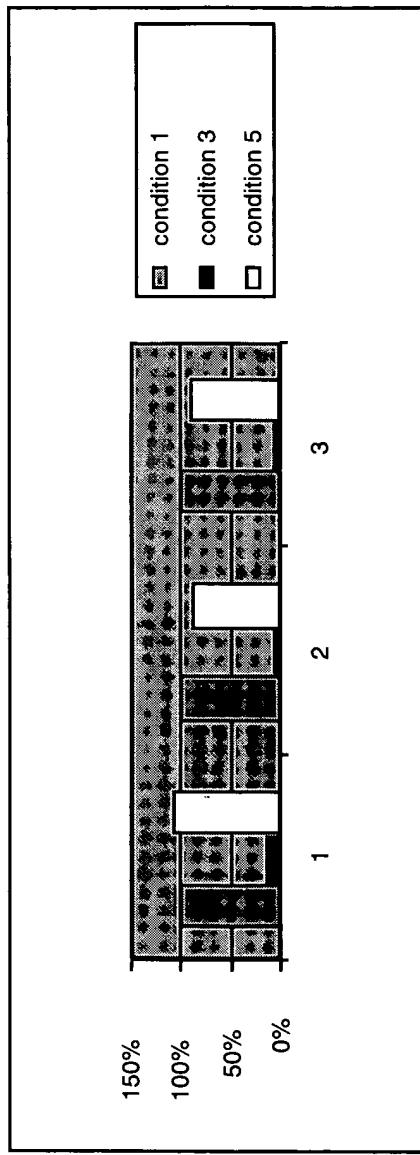
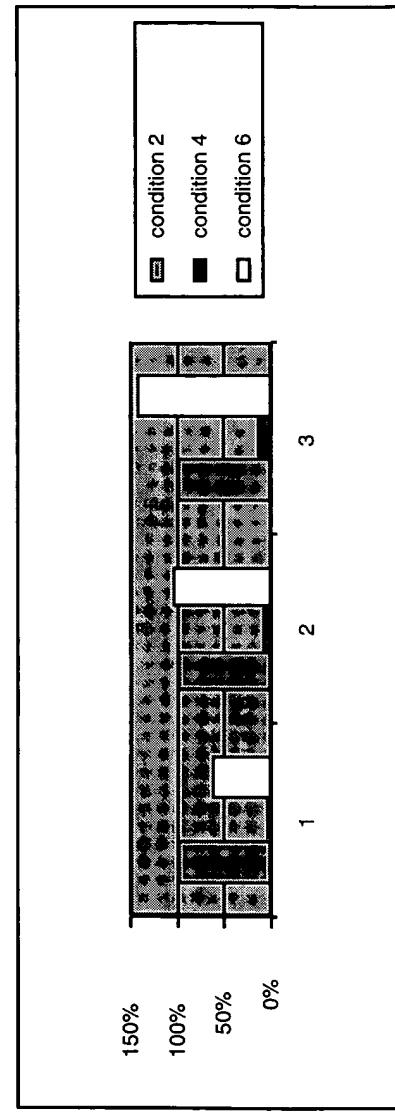
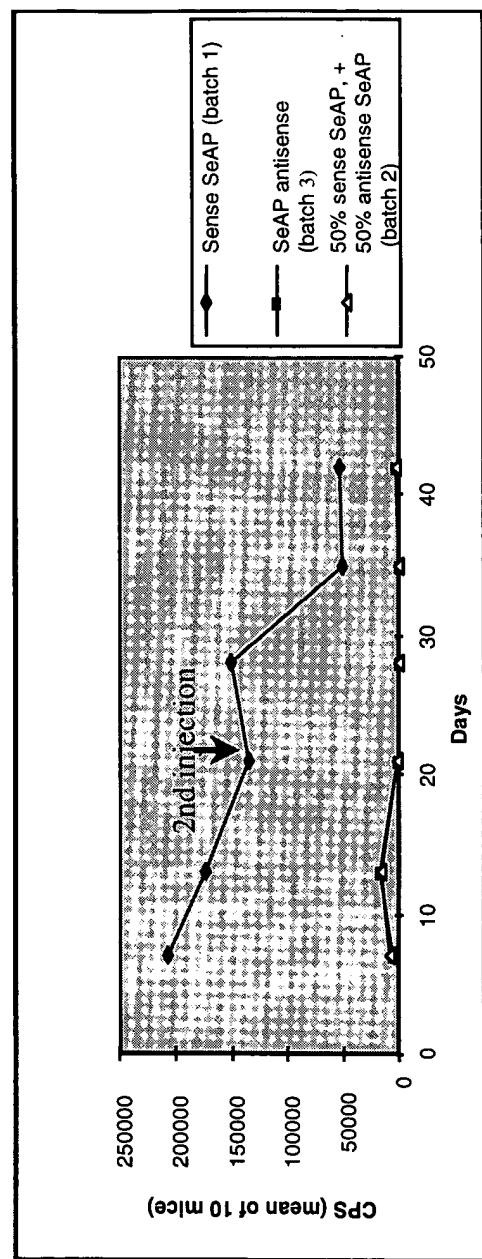


FIGURE 9B



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FIGURE 10



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FIGURE 11A

S A S A S A controls

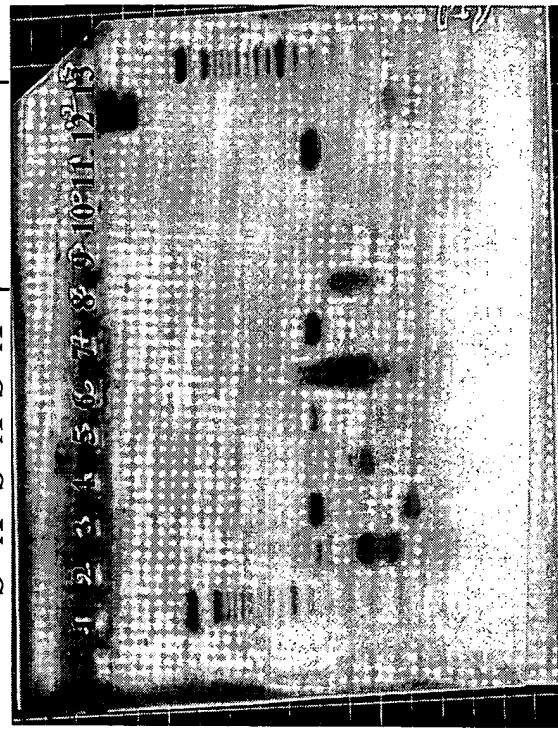
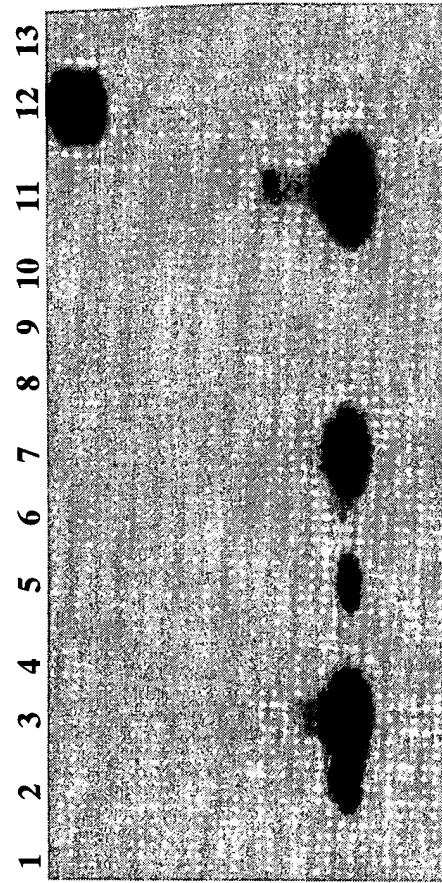
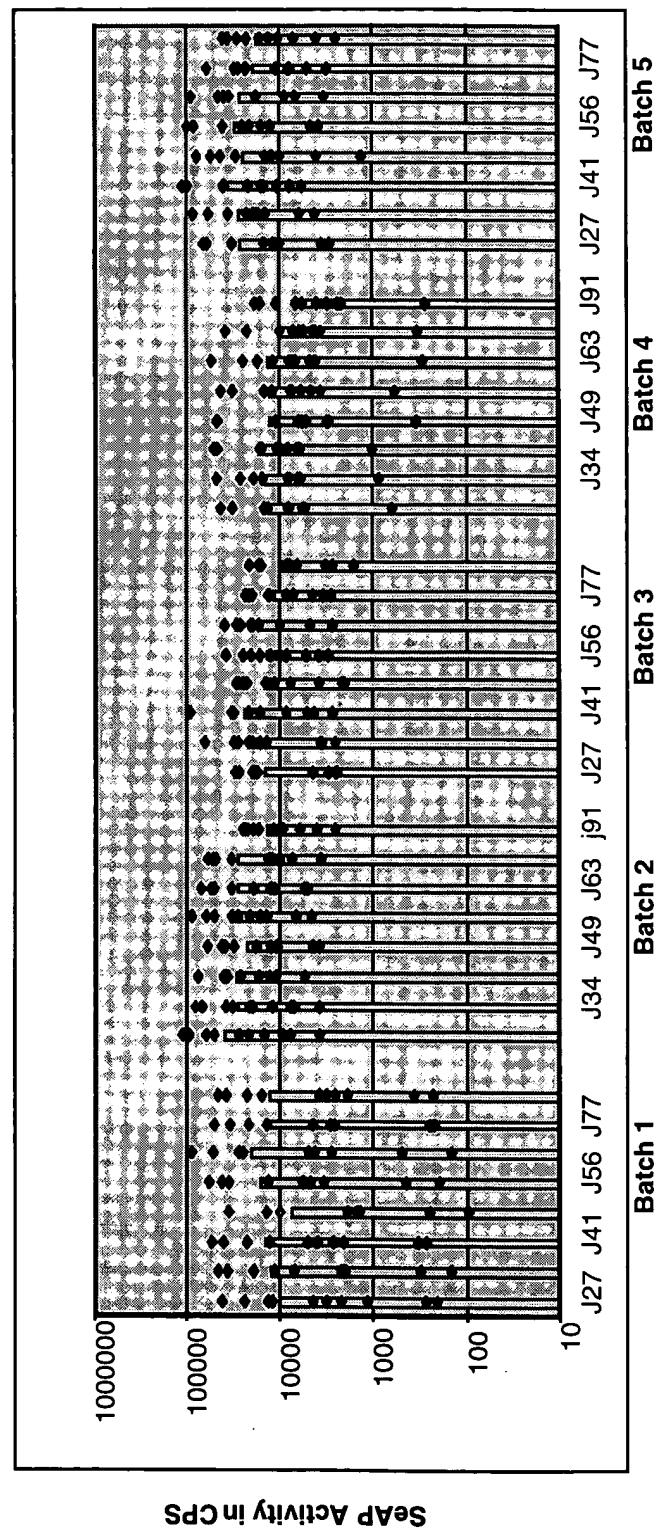


FIGURE 11B



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FIGURE 12



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FIGURE 13

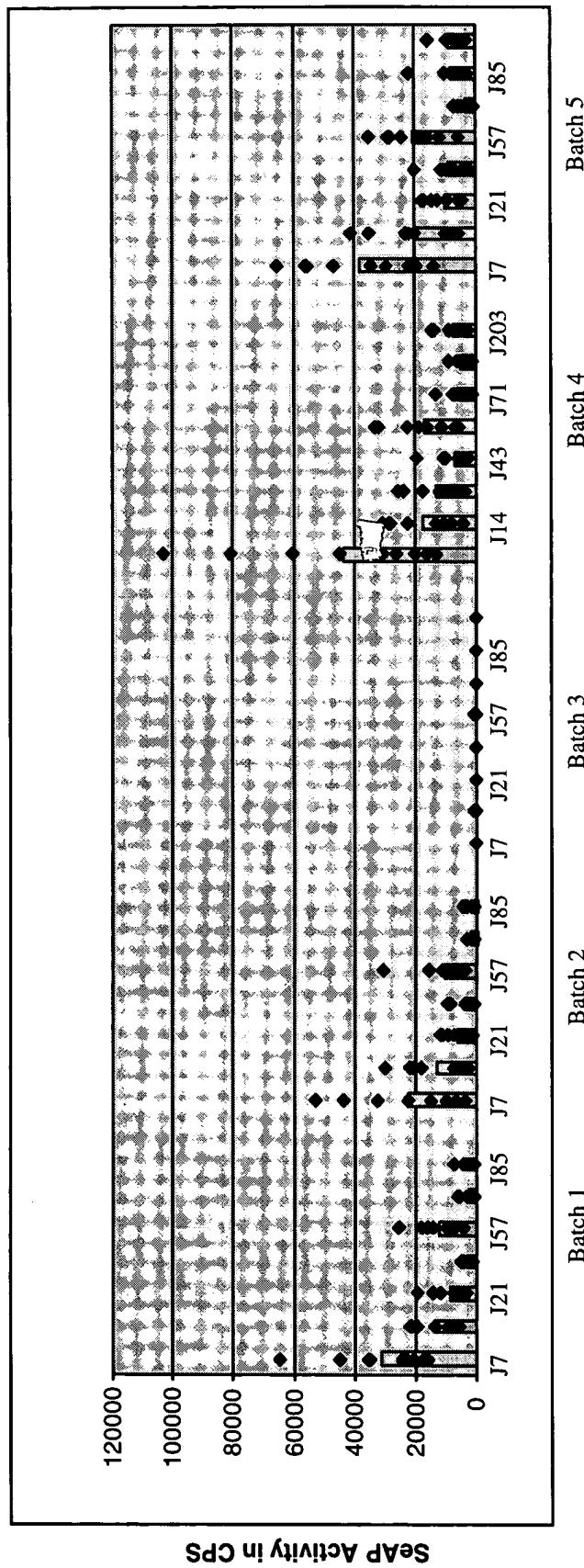


FIGURE 14A

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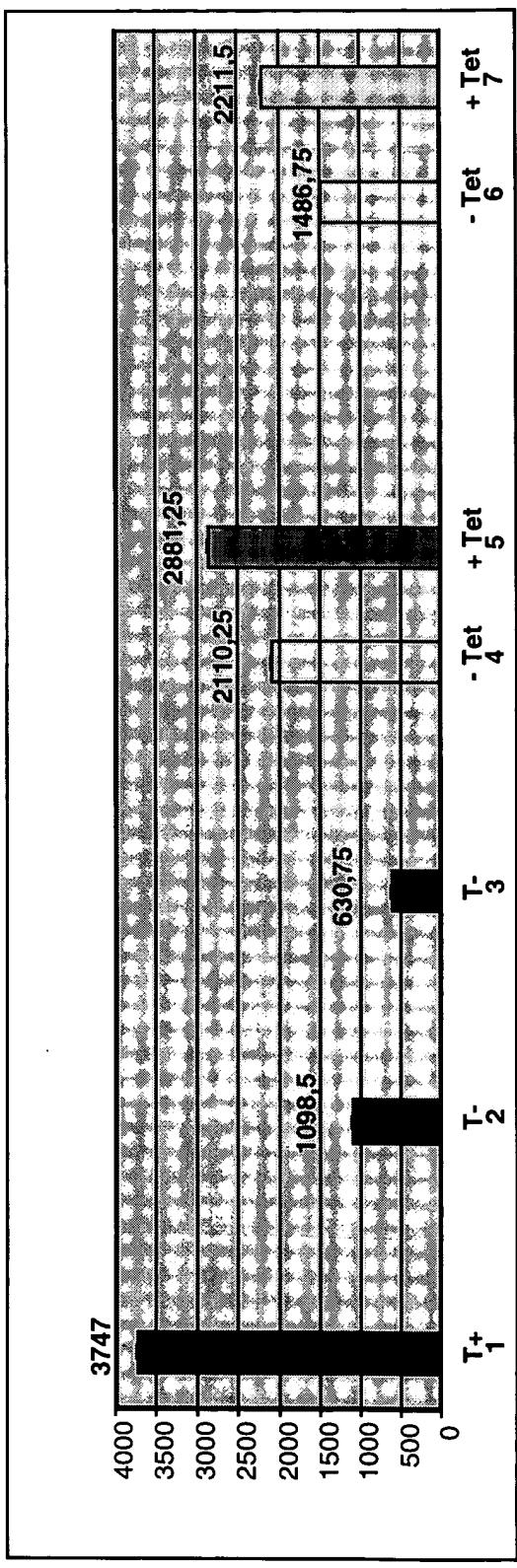
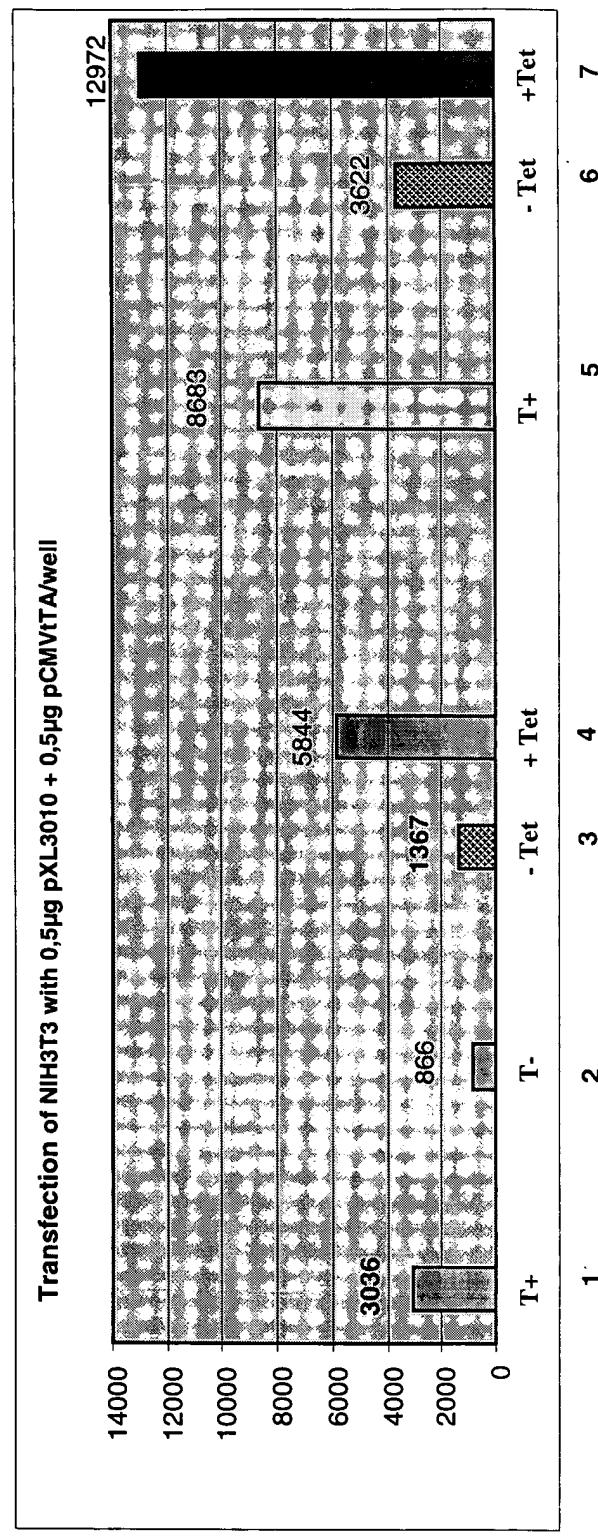


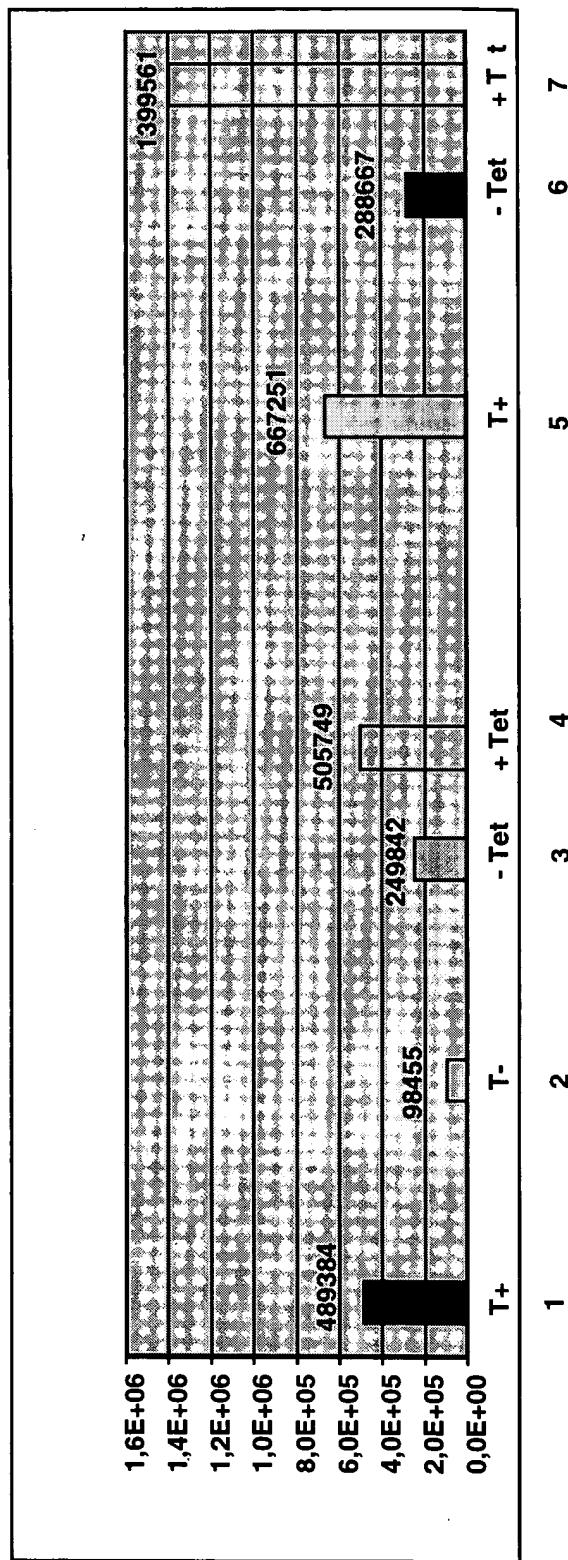
FIGURE 14B



S AP Activity in CPS

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FIGURE 15



lucif'ras Activity in CPS/mg protein

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FIGURE
16A

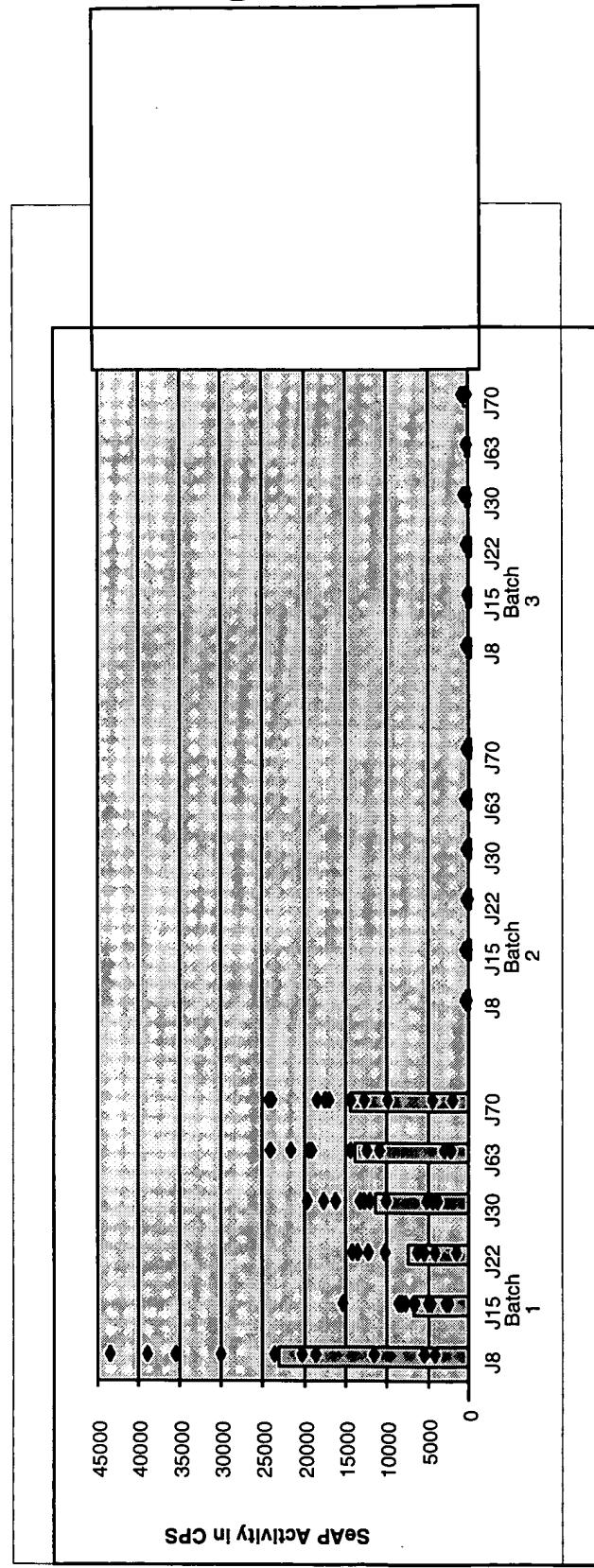
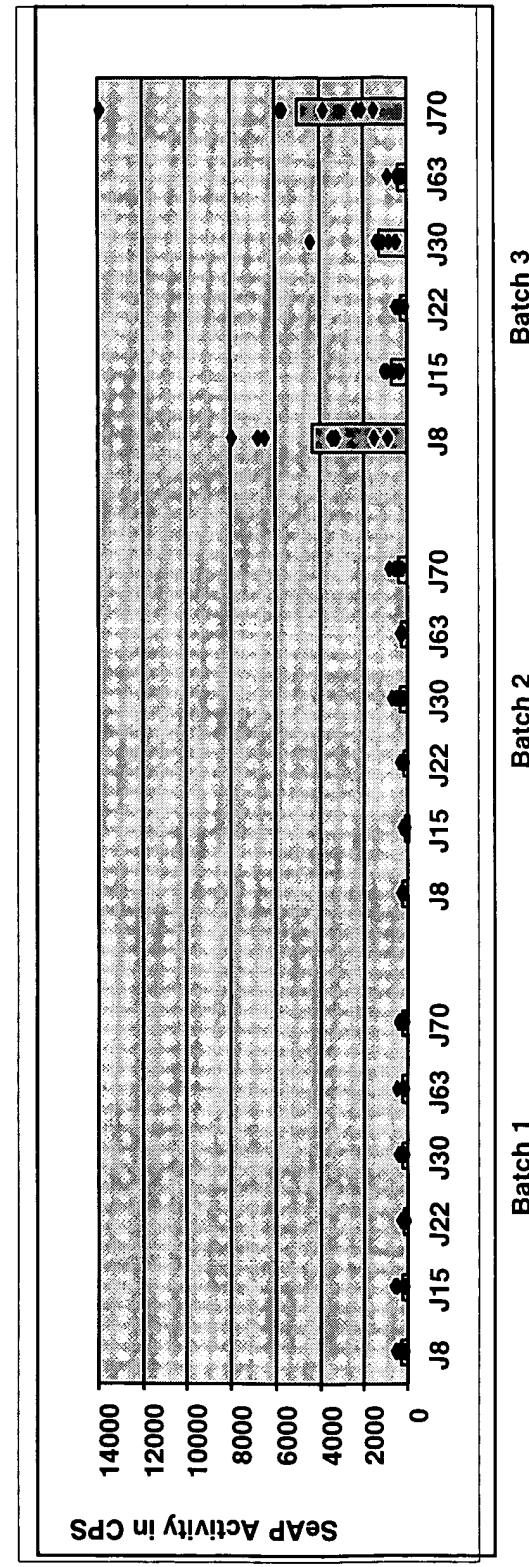
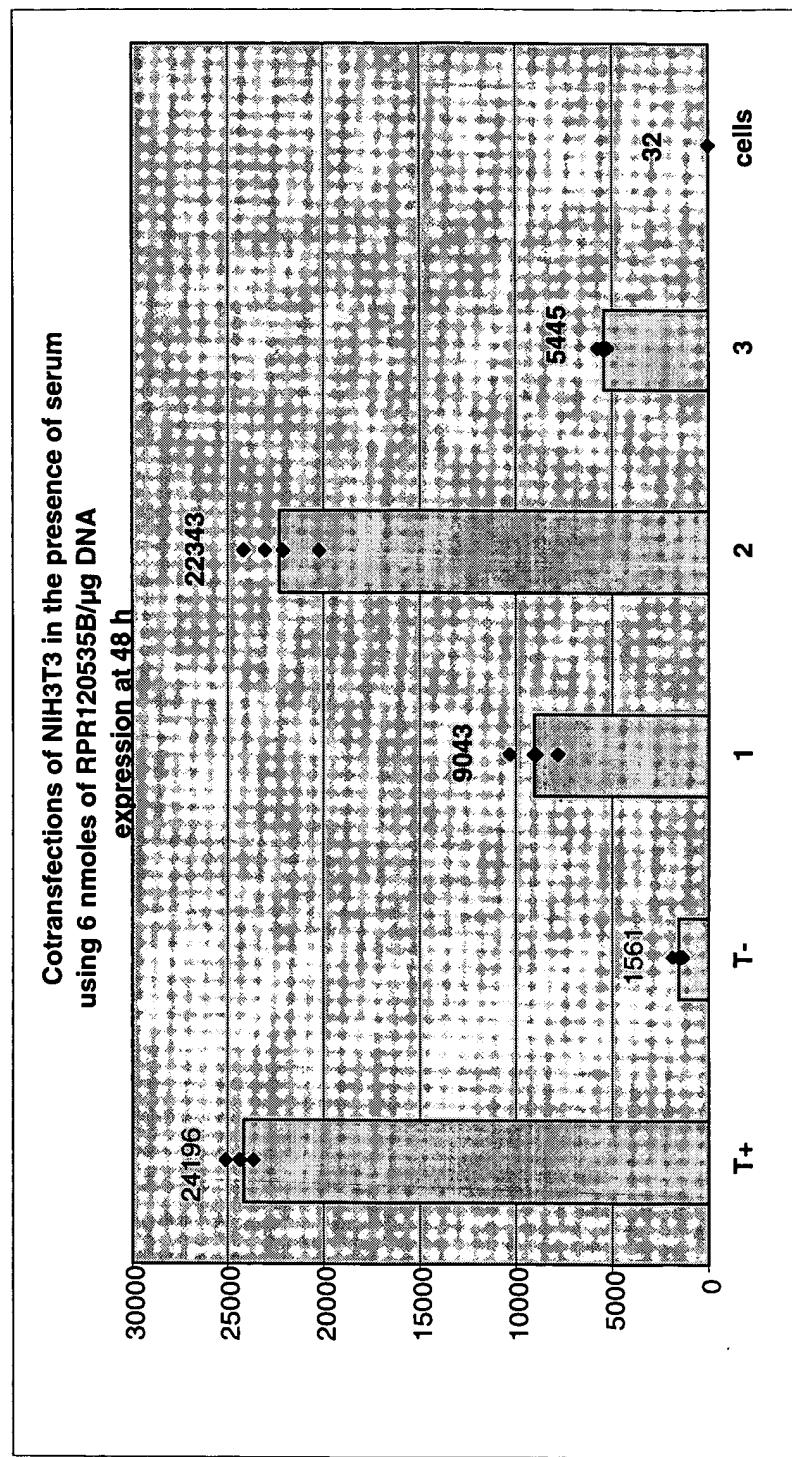


FIGURE 16B



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FIGURE 17



S AP Activity in CPS

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FIGURE 18

Expression of SeAP 48h after cotransfection of NIH3T3s

using 6 nmol of RPR120535B/μg of DNA

In the presence of serum

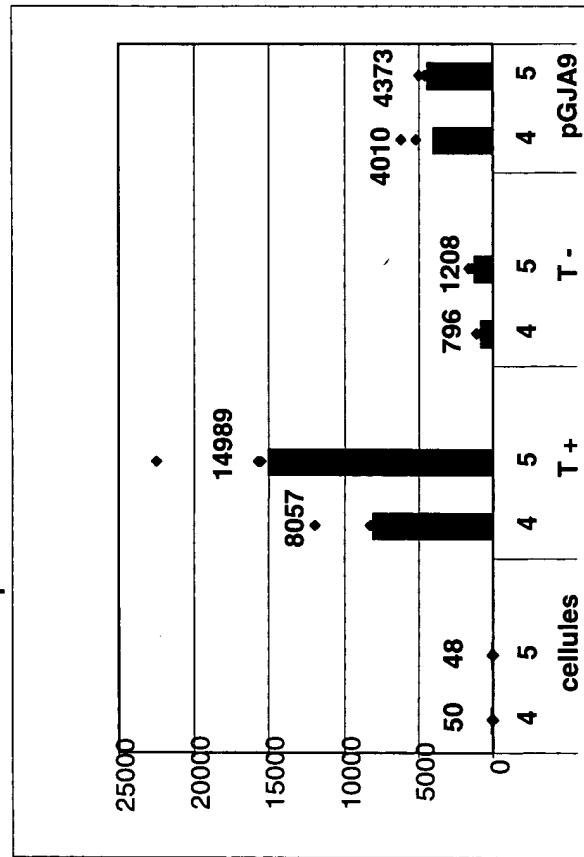


FIGURE 19: Summarizing table of inhibition experiments with antisense transcripts of different lengths

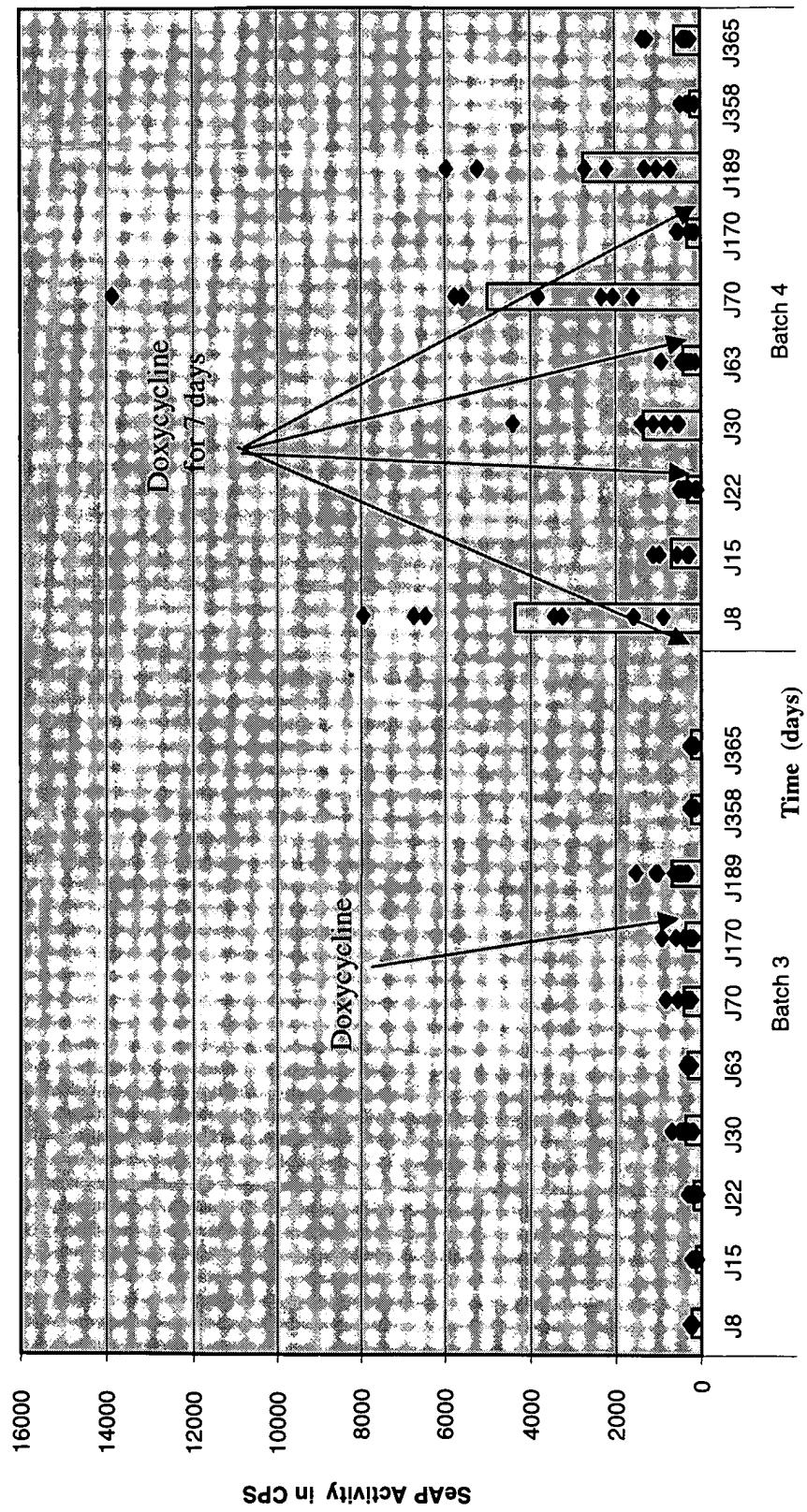
Percentage inhibition of SeAP activity

	size (pb)	antisense (pb)	Conserved sequence	Exp. 1	Exp. 2	Exp. 3	Exp. 4	Exp. 5
pSeAPAS	3447	1527						
pGJA1	2045	125	3' end of SeAP	70	85	94	90	92
pGJA2	1955	35	5' end of SeAP	24	52	63		
pGJA3	2123	203	5' end of SeAP	14	0	8		
pGJA9	2248	125 +203	2 ends	72	76	77	50	71

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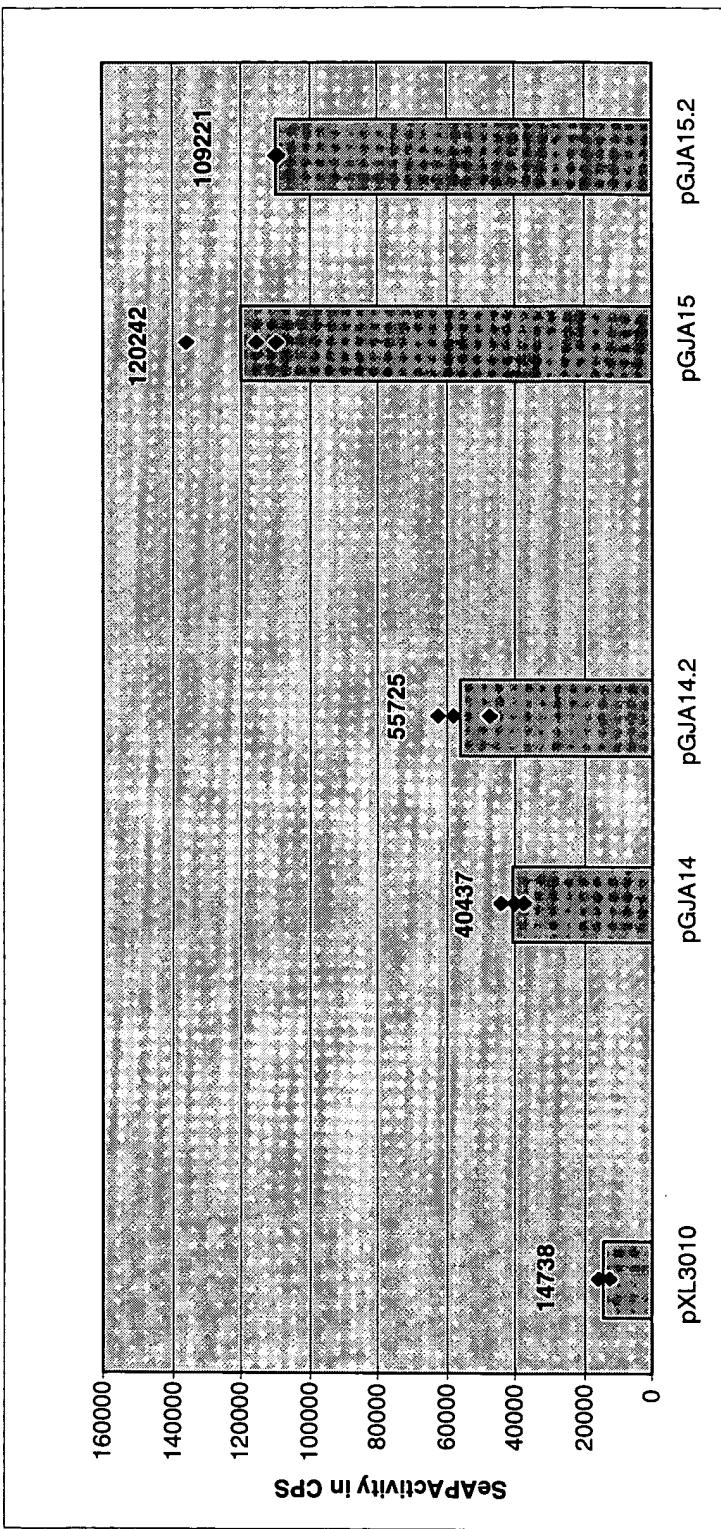
FIGURE 20

Evaluation of the control of the expression of SeAP with the combination of the SeAPantisense gene and the Tet Off system



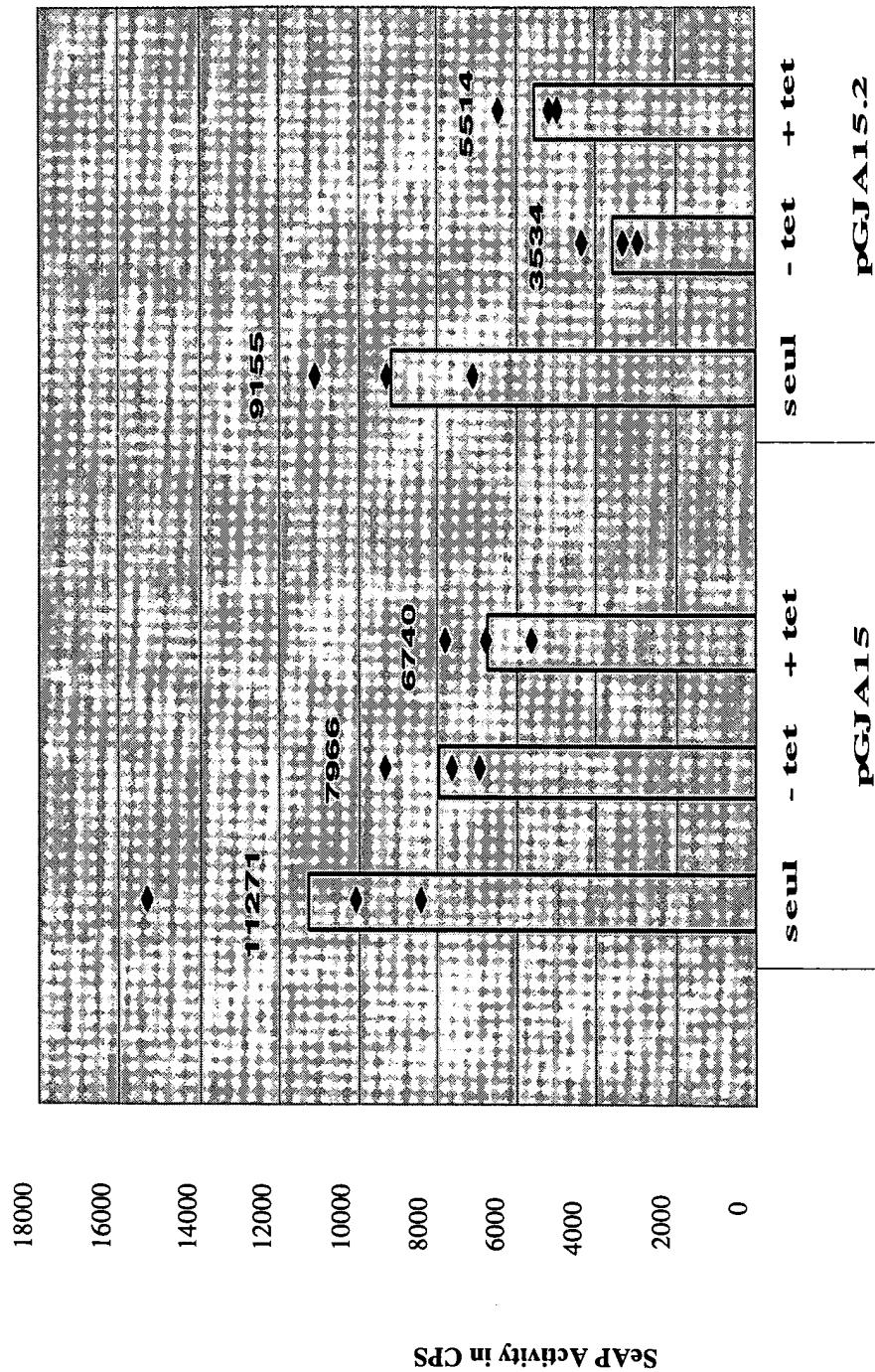
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FIGURE 21
**Evaluation of the expression of SeAP 48h after transfection of NIH3T3
using 6 nmol RPR120535B / μ g DNA in the presence of serum**



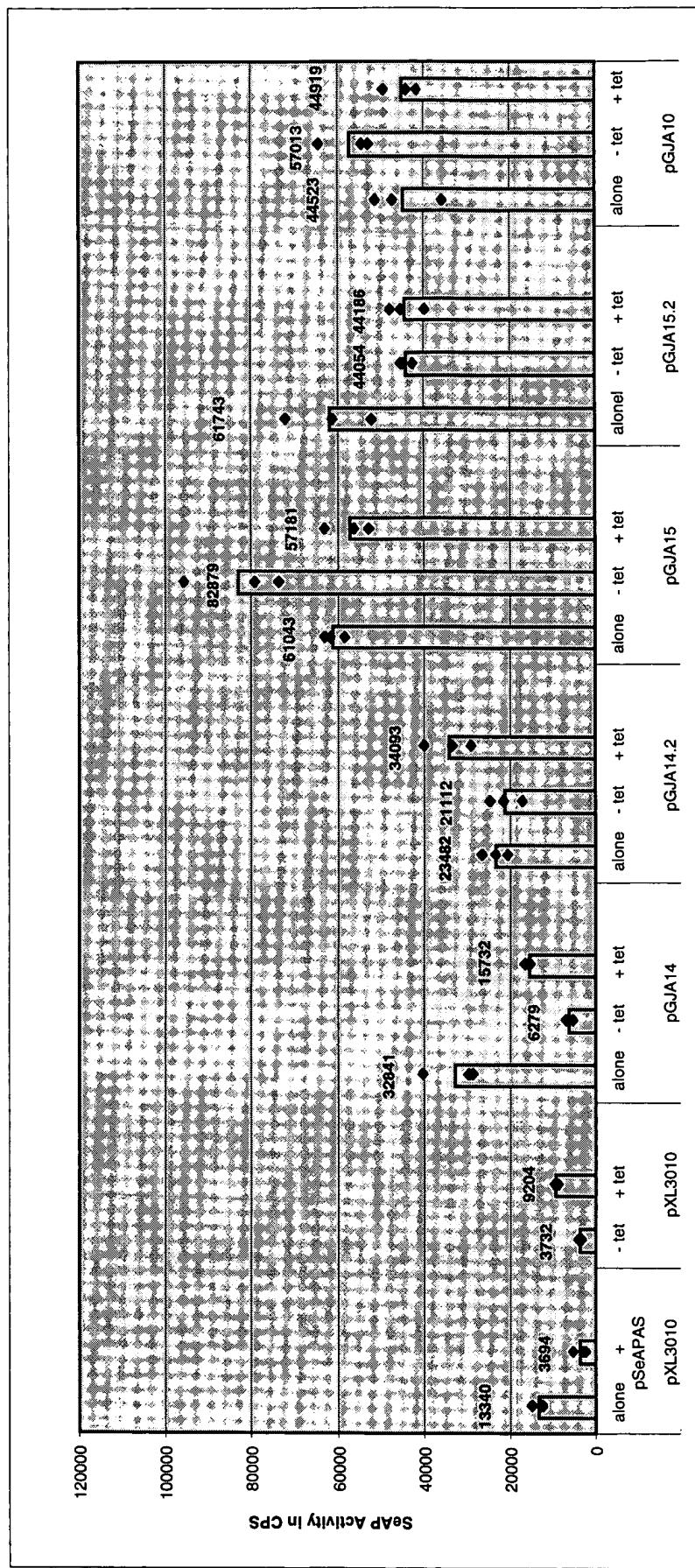
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FIGURE 22



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FIGURE 23 Regulation of the expression of SeAP 48h aftertransfection of NIH3T3s using 6 nmol/PRR120535B/ μ g of DNA in the presence of serum



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FIGURE 24 Decrease in background noise of the hPPARg2 system in C2C12 transfection, expression at day 5

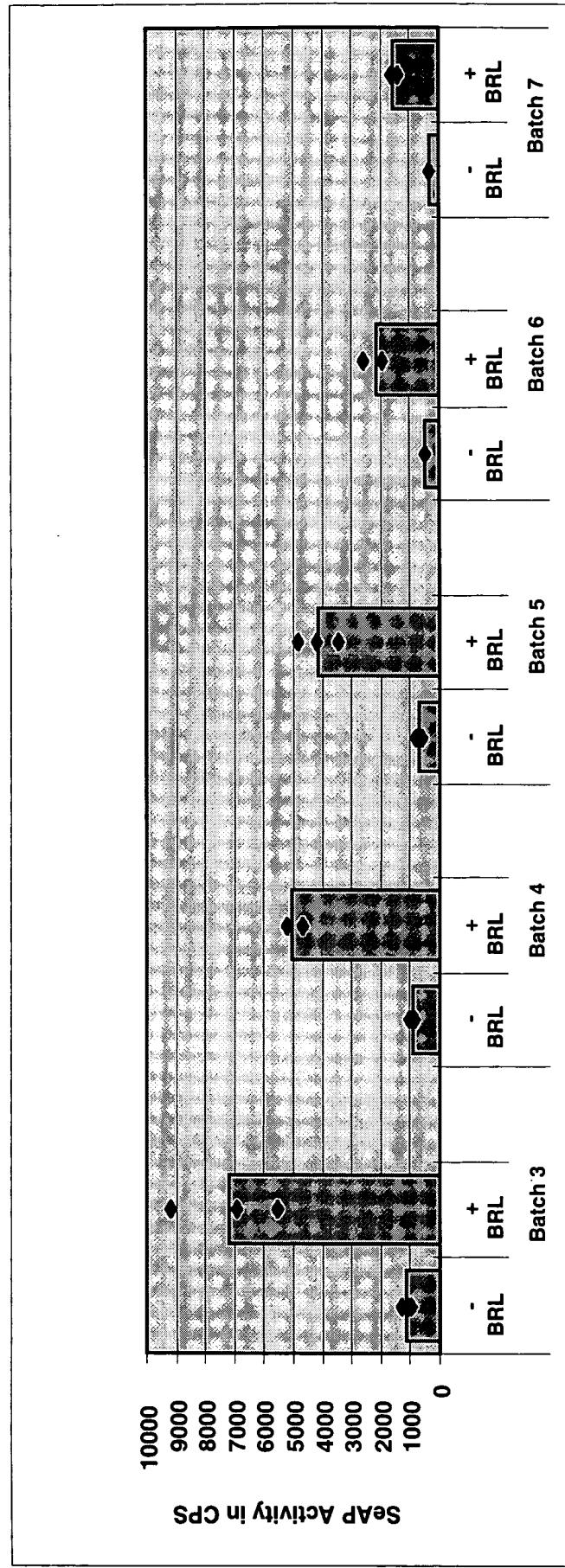
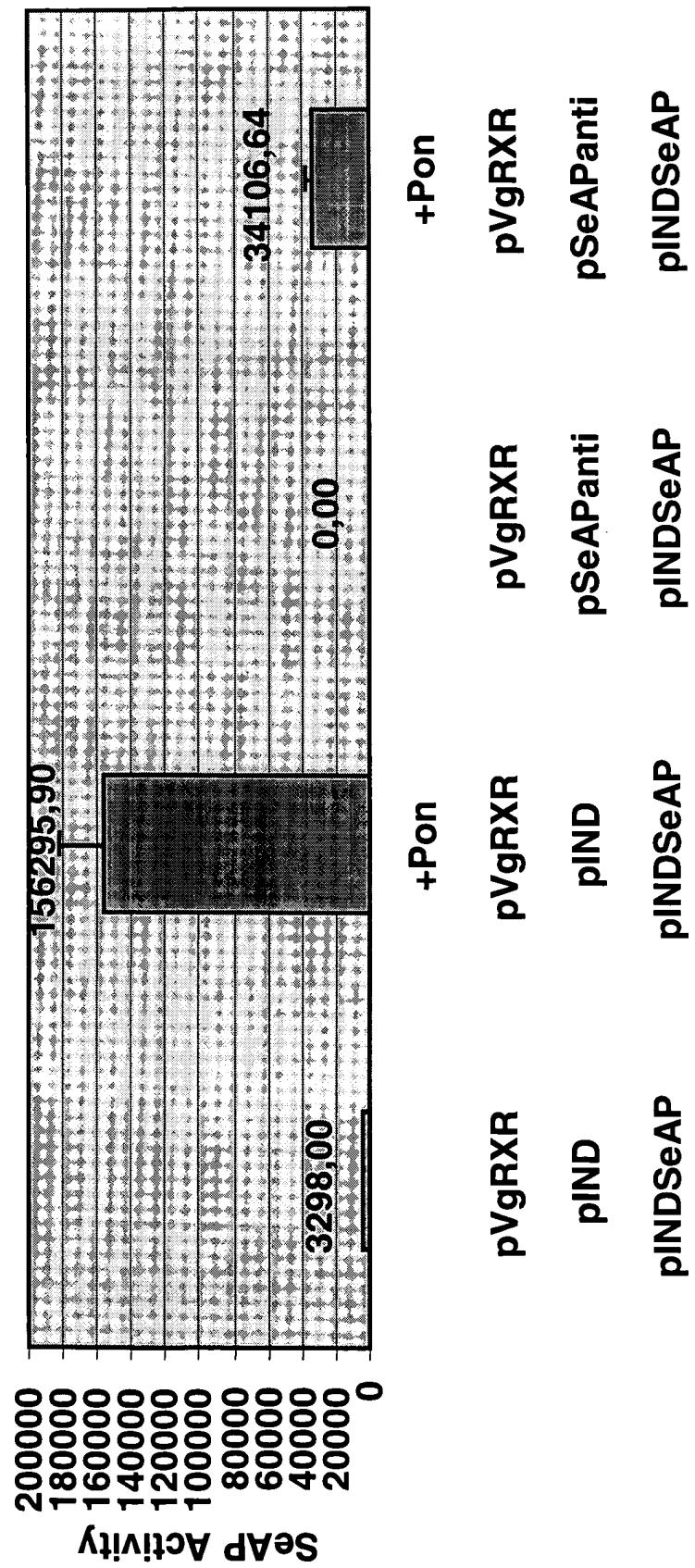


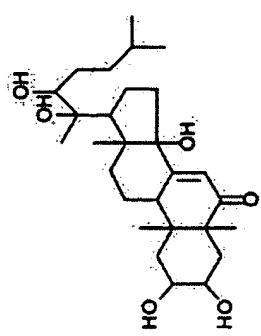
FIGURE 25

NIH3T3 Transfection



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FIGURE 26



ponasterone A

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FIGURE 27

